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ABSTRACT

The purpose of this checklist is to serve as a bibliographical aid for administrators, library science educators, librarians, teachers, curriculum coordinators, researchers, and other interested persons who are: (1) planning and conducting research in curriculum and instruction, and in educational media; (2) planning and producing an improved instructional program and (3) interested in educational trends, innovations, and forecasts. It is designed to aid them in answering the following questions: What are the new trends and innovations in education, in educational research, in library research, in curriculum planning, in teaching methods, in the use of multi-media and the cross-media and interdisciplinary approach to curriculum implementation, in the taxonomies of learning, in system development, and in school library media centers and libraries?  
(Author/SJ)

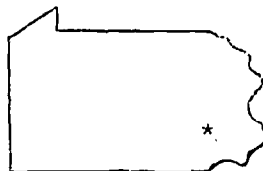
Center for  
Educational Change  
Through  
Organizational and Technological Development

In order to provide a definitive focus for its developmental and research activities, the Educational Development Center at Kutztown State College on January 14, 1972 announced the adoption of its operating mission theme as "Educational Change through Organizational and Technological Development." The Center's activities focus on the educational change process and the interaction between organizational and technological development producing educational change.

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EDUCATIONAL TRENDS, INNOVATIONS, TECHNOLOGY,  
MULTI-MEDIA, TAXONOMIES OF LEARNING, LIBRARIANSHIP:  
A BIBLIOGRAPHICAL CHECKLIST, 1965-1971

by

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## PURPOSE

What are the new trends and innovations in education, in educational research, in library research, in curriculum planning, in teaching methods, in the use of multi-media and the cross-media and interdisciplinary approach to curriculum implementation, in the taxonomies of learning, in system development, and in school library media centers and libraries?

Like other professional educators - library science educators have their educational responsibilities increasingly complicated by the vast increase in knowledge brought about by the social, scientific and technological, economic and political changes today. The impact of these changes in modern society demands a careful and continuing reappraisal of all educational practices, and recognition of the greater role of school library media centers and libraries in today's educational program.

The purpose of this checklist is to serve as a bibliographical aid for administrations, library science educators, librarians, teachers, curriculum coordinators, researchers, and other interested persons who are:

1. planning and conducting research in curriculum and instruction, and in educational media,
2. planning and producing an improved instructional program, and
3. interested in educational trends, innovations, and forecasts.

The materials selected for this compilation consists of items selected from the following sources:

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For yearly summaries SEE Education in the following:  
The AMERICANA ANNUAL                      COLLIER'S YEARBOOK  
BRITANNICA BOOK OF THE YEAR              WORLD BOOK YEARBOOK

Lastly, let me warn you - that in this age of knowledge explosion, this bibliographical checklist is by no means complete, and it is rapidly going out-of-date.

SGN

May 1, 1972  
Kutztown State College  
Department Of Library Science  
Kutztown, Pennsylvania

EDUCATIONAL TRENDS, INNOVATIONS, TECHNOLOGY, MULTI-MEDIA, TAXONOMIES OF LEARNING,  
LIBRARIANSHIP - A BIBLIOGRAPHIC CHECKLIST

**Chapter 1: Background Readings**

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Abstracts	Specialized References
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Government Publications	Bibliography
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Program Characterization	The Future Training of Researchers
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<p>18. "Higher Mental Processes." David H. Russell.</p> <p>Introduction Defintion Theories Of Thought Associative Thinking Problem Solving Observations of Process Plus Produced</p>	<p><u>Encyclopedia of Educational Research</u>, 1969:645-661.</p> <p>Critical Thinking Creative Thinking Development of Thinking Abilities The Improvment of Thinking Abilities Conclusions References</p>
<p>19. "Higher Mental Processes." Benjamin S. Bloom</p> <p>Introduction Intelligence Testing Schools Of Psychology Problem-Solving Processes</p>	<p>Ernest A. Rakow <u>Encyclopedia of Educational Research</u>, 1969:594-601.</p> <p>Development of Higher Mental Processes The Improvement of Thinking Abilities Conclusion References</p>
<p>19. "Learning." Gilbert W. Meier.</p> <p>5. Human Information</p> <p>Processing Introduction Perceptual Systems Information Analysis</p>	<p><u>Encyclopedia of Education</u>, 1971. Volume 5: 435-470.</p> <p>Psychological Features Perceptual Analysis Recording Information Bibliography</p>



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|--|---|----------------------------------|--------------------------------------|---|-------------------------------|--------------|------------------------------------|-----------|----------------------|-------------|---------------------------------|--|----------|------------|--|--------|------------|--|
| <p>20. "Learning Theory." Winifred F. Hill. <u>Encyclopedia of Education</u>, 1971.<br/>Volume 5:470-476.</p> <table border="0"> <tr> <td>Introduction</td> <td>Major Systems of Learning Theory</td> </tr> <tr> <td>Major Questions</td> <td>Bibliography</td> </tr> </table>   | Introduction                            | Major Systems of Learning Theory | Major Questions                      | Bibliography                            |                               |              |                                    |           |                      |             |                                 |  |          |            |  |        |            |  |
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| Affiliative Behavior   | Frustration                             |                                  |                                      |   |                               |              |                                    |           |                      |             |                                 |  |          |            |  |        |            |  |
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| Learning   | Perception                              |                                  |                                      |   |                               |              |                                    |           |                      |             |                                 |  |          |            |  |        |            |  |
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"This program attempts to outline a strategy which has proved useful to those involved in the specification of affective objectives."

16.		Horvat, John J. Compiler. An index of media for use in instruction in educational administration. The University Council For Educational Administration, 65 S. Oval Drive, Columbus, Ohio 43210. 1965.
17.	TCas 35	An Interview With B.F. Skinner (Phonotape). Sound Education Reports, 1970. 35 minutes. With Teacher's Guide. "An interview in which Professor Skinner discusses his original work with teaching machines and other innovations in education."
18.	F 1033 913	Learning And Behavior: What Makes Us Human (Motion Picture). CBS News; released by Carousel Films, 1960. 26 minutes sound B&W 16mm. "Describes the reward-theory of learning, and shows how the learning process may be measured through scientific techniques."
19.	F 1276	Learning About Learning (Motion Picture). Mayer-Sklar. Made and Released by NET Film Service, 1963. 29 minutes Sound B&W 16mm. "Uses the work of Doctors Howard Kendler, Tracy Kendler, Kenneth Spences, Harry Harlow, and B.F. Skinner in exploring the different strategies used in the development of new theoretical concepts about man's ability to learn, pointing out that these studies have led to new methods of instruction in schools and colleges."
20.	ERIC ED 043 343	Lieberman, Irving. A working bibliography of commercially available audiovisual materials for the teaching of library science. University Of Illinois Graduate School Of Library Science, 1968.
21.		Meierhenry, W.C. Mediated teacher education resources. American Association Of Colleges For Teacher Education, 1 Dupont Circle, Washington, D.C., 20036. 1970. "Approximately 170 audiotapes, gaming and simulations, motion pictures, multimead, slides and filmstrips, and videotapes designed to aid the teacher educators in preservice and inservice programs."
22.	F 1448	More Different Than Alike (Motion Picture). NEA, 1967. 30 Minutes Sound Color 16mm. "Depicts some unique and creative techniques which provide for individual learning differences."
23.	FS C-2505 T 48	Perceived Purpose (Filmstrip). Vincet Associates, 1966. 39 Frames Color 35mm. With Teacher's Guide. (Phonotape) 1 reel (5 inch) 3 3/4 ips. "Designed to help teachers prepare instructional activities which would help the learner perceive the purpose underlying whatever he was studying."
24.	KIT 12	Programmed Instruction (Media Kit). Learning Through Programmed Instruction (Motion Picture). McGraw-Hill 1968. 9 Minutes Sound Color 16mm. "Examines the basic structure of programmed instruction and the major types of programmed styles."
25.		Roteck, Mary. & Arthur H. Pike. Guide to data education films. Norwich University, Northfield, Vermont 05663. 1970. "550 selected motion pictures."



26. F 1420	<p>Science And Society: a race against time (Motion Picture). National Educational Television And Radio Center. Released by by Indiana University, Audio-Visual Center, 1968. 30 Minutes Sound B&amp;W 16mm.</p> <p>"An industrial engineer and an academic scientist discuss the social problems created by technology and the probability of the correction of these problems in the near future. Points out that social problems have resulted from the application of knowledge about these problems."</p>
27.	<p>Rufsvold, Margaret I. &amp; Carolyn Guss.</p> <p>Guides to educational media: films, filmstrips, kinescopes, phonodiscs, phonotapes, programmed instruction materials, slides, transparencies, videotapes. 3rd Edition. A.L.A., 1971.</p> <p>"An annotated, comprehensive guide which identifies and describes catalogs and lists, services of professional organizations, and specialized periodicals which systematically provide information on educational media. . ."</p>
28. FS C-2502  T 45	<p>Selecting Appropriate Educational Objectives (Filmstrip). Vincet Associates, 1969.</p> <p>46 Frames Color 35mm. With Teacher's Manual.</p> <p>(Phonotape) 1 reel (5 inch) 3 3/4 ips.</p> <p>"This program attempts to develop a more positive attitude toward behaviorally stated objectives than is normally present."</p>
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30. F 1028	<p>Teaching Machines And Programmed Learning (Motion Picture). U.S. Office Of Education, 1960. Made by the NEA.</p> <p>20 Minutes Sound B&amp;W 16mm.</p> <p>"Presents B.F. Skinner explaining the theory of programmed learning, Arthur Lumsdaine describing variety of teaching machines and programmed learning materials, and Robert Glaser discussing the implications of such machines and materials for education."</p>
31. ERIC ED 003 111	<p>Weiner, Kenneth and others.</p> <p>Instructional materials for teaching audiovisual courses; an annotated list of motion pictures, kinescopes, filmstrips, slide-sets, recordings, and tapes. Syracuse University, 1961.</p>



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Teacher Rating

Teacher Responsibility

Teacher Response

Teaching

**Teaching Experience (Inservice Teaching)**

**Teaching Guides**

**Teaching Machines**

**Teaching Methods**

**Teaching Models**

**Teaching Procedures**

**Teaching Programs**

**Teaching Skills**

**Teaching Strategies**

**Teaching Styles**

**Teaching Techniques**

**Team Teaching**

**Technical Reports**

**Technical Writing**

**Techniques**

**Technological Advancement**

**Technological Change & Education**

**Technological Impact**

**Technology**

**Technology In Education**

**Telecommunication**

**Telecourses**

**Telegraphic Materials**

**Telephone Communication Systems**

**Televised Instruction**

**Television**

**Television Curriculum**

**Television Research**

**Television Teachers**

**Television Viewing**

Terminal Competency	Vertical Texts
Testing	Video Tape Recordings
Tests	Viewing Time
Textbook Bias	Visual Perception
Textbook Content	Visual Learning
Textbook Evaluation	Workshops
Textbook Preparation	
Textbook Publications	
Textbook Research	
Textbook Selection	
Textbook Standards	
Textbook Writing	
Textbooks	
Textual Criticism	
Thesaurus	
Thought Processes	
Three Dimensional Aids	
Time Blocks	
Time Factors (Learning)	
Trainees	
Training Laboratories (Sensitivity)	
Training Objectives	
Training Techniques	
Transparencies	
UNGRADED CURRICULUM	
Union Catalogs	
Unit Plan	
Units Of Study	
Use Studies	
VALIDITY	

PUBLICATIONS AVAILABLE FROM THE  
CENTER FOR EDUCATIONAL CHANGE THROUGH  
ORGANIZATIONAL AND TECHNOLOGICAL DEVELOPMENT

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*Authenticity and Theories of Administrative Behavior*, Robert B. Brumbaugh, March 1971, Report No. 2.

*Local-Transnationalism: An Empirical Reevaluation*, Victor E. Flango and Robert B. Brumbaugh, March 1972, Report No. 3.

*Preference for bargaining Representatives: Some Empirical Findings*, Victor E. Flango and Robert B. Brumbaugh, May 1972, Report No. 4.

*Educational Trends, Innovations, Technology, Multi-Media, Taxonomies of Learning, Librarianship: A Bibliographical Checklist, 1965-1971*, Nicholas G. Stevens, May 1972, Report No. 5.

*Organizational Climate and Attitudes toward Educational Change: A Case Study*, Robert B. Brumbaugh and Henry J. Christ, June 1972, Report No. 6.

*The Importance of and Danger to the Ecological Cycle of Pennsylvania: KSC Video Tapes, 1971-1972*, Educational Development Center, July, 1972, Report No. 7.

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